

Meteorological Data

This section contains meteorological data derived from various regulatory and non-regulatory sites. The data provides a comparative analysis of winds speed, wind direction, wind gusts and concentration data. Please note that meteorological instruments measure at different heights, and at different time intervals. By taking, the actual time of measurement and assuring that all data represented is in Pacific Standard Time (PST) there is uniformity of the data. In addition, not all stations measure at the exact same time, i.e. measurements at 053 and 056 therefore, comparisons are measurements within a 60-minute period. While there may be some overlapping and slight differences the comparative analysis provides the reader with a better understanding of the regional effect of the Exceptional Event.

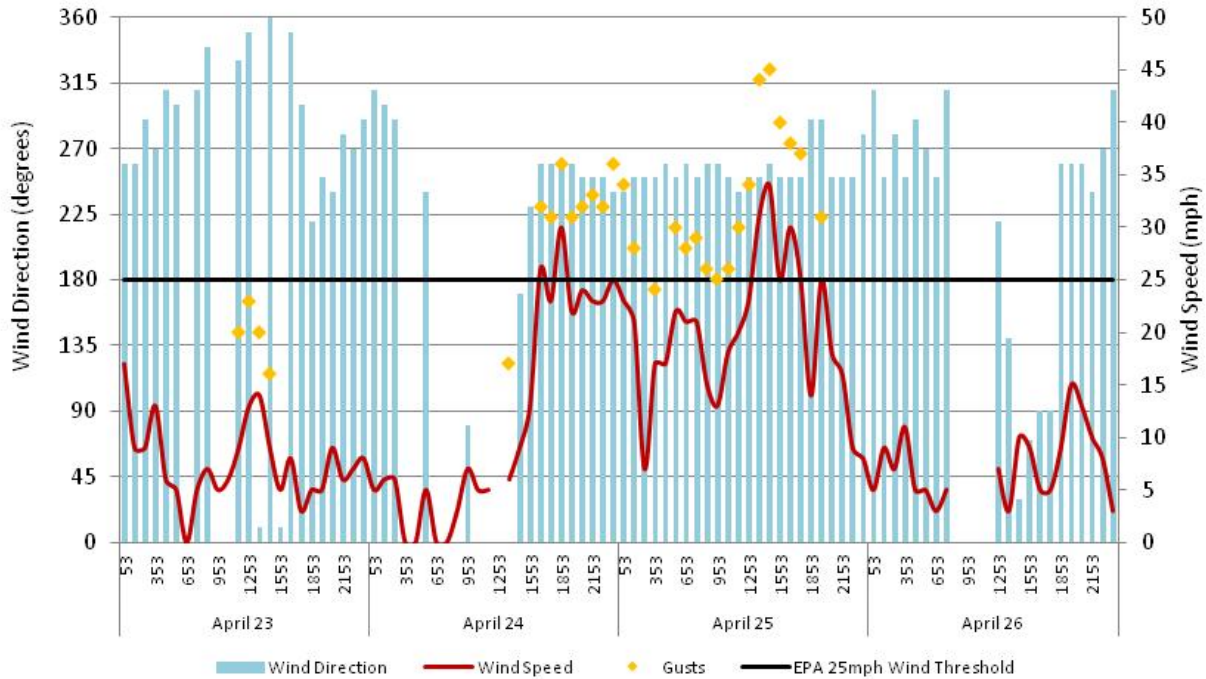
POTENTIAL METEOROLOGICAL SITES USED IN EXCEPTIONAL EVENT DOCUMENTS



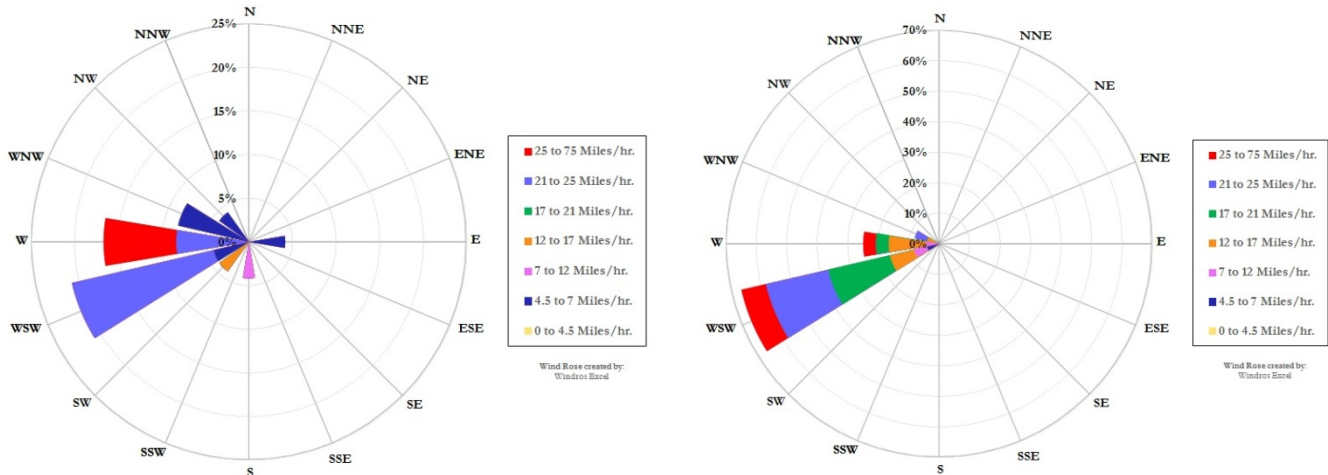
Fig B-1: A collection of all possible meteorological sites from which the ICAPCD may access meteorological data. Base map from Google Earth

**IMPERIAL COUNTY SITES
FIGURES B-2 THROUGH B-9**

**FIGURE B-2
IMPERIAL COUNTRY AIRPORT (KIPL)
WIND SPEED (AVERAGES), GUSTS & DIRECTION**

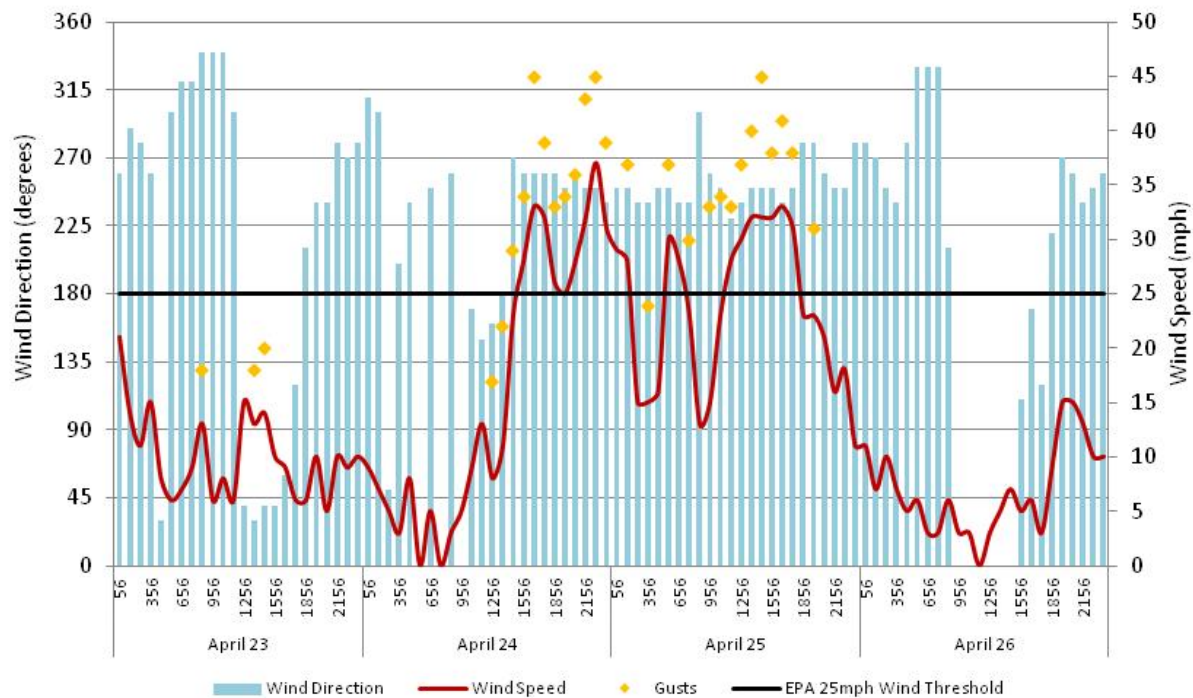


**FIGURES B-3 & B-4
IMPERIAL COUNTRY AIRPORT (KIPL) WIND ROSE– APRIL 24, 2016 & APRIL 25, 2016**

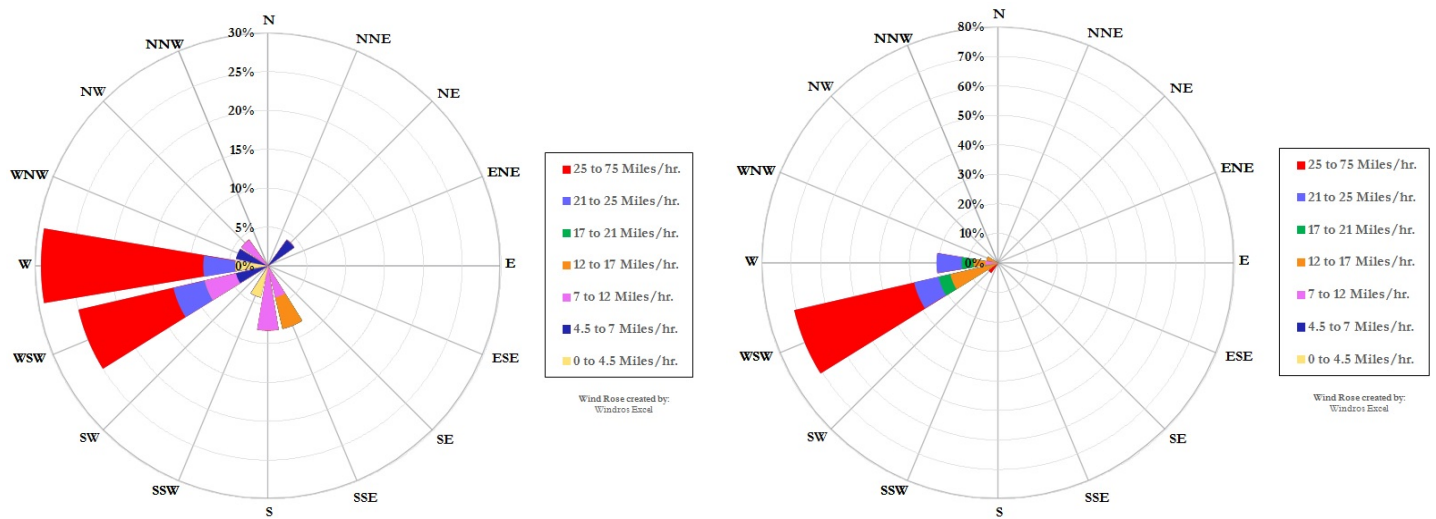


Figs B-2 through B-4: Imperial Airport meteorological data for April 24, 2016, 2016 and April 25, 2016, 2016 shows that winds exceeded the 25 mph threshold on both days. April 24, 2016 wind rose (left). April 25, 2016, 2016 wind rose (right). Wind data from the NCEI's QCLCD system

FIGURE B-5
EL CENTRO NAF (KNJK)
WIND SPEED (AVERAGES), GUSTS & DIRECTION

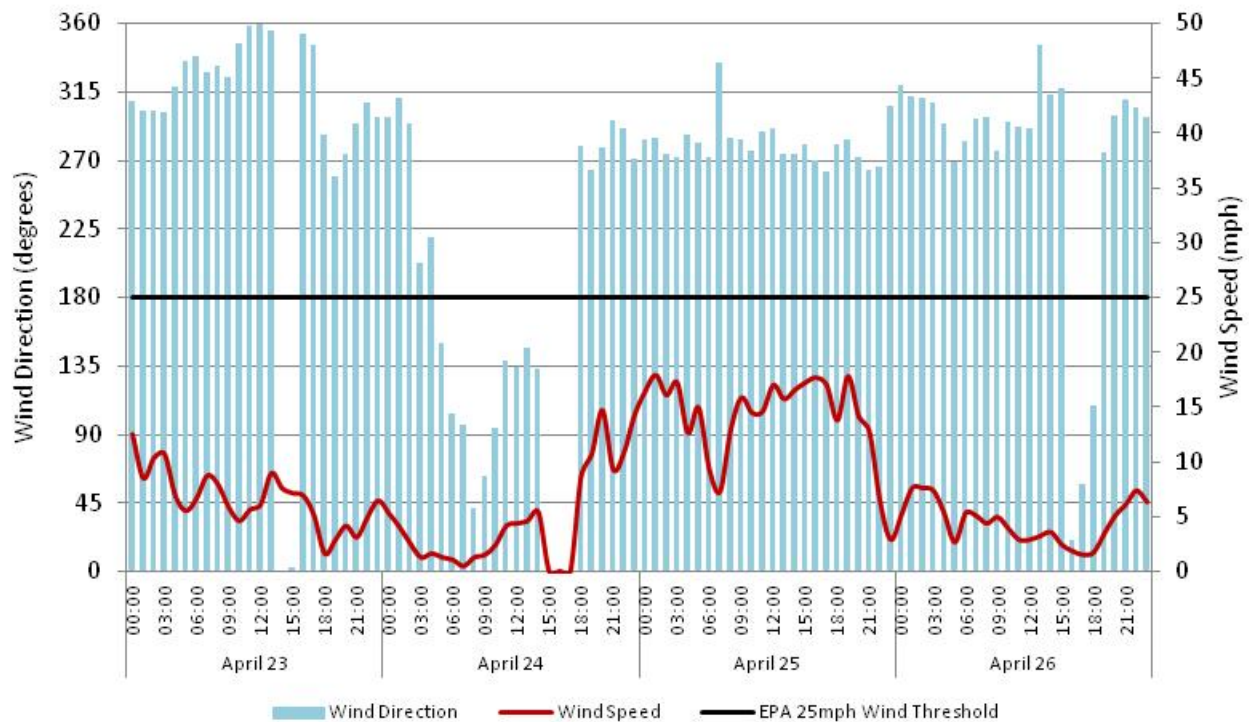


FIGURES B-6 & B-7
EL CENTRO NAF (KNJK) WIND ROSE– APRIL 24, 2016 & APRIL 25, 2016

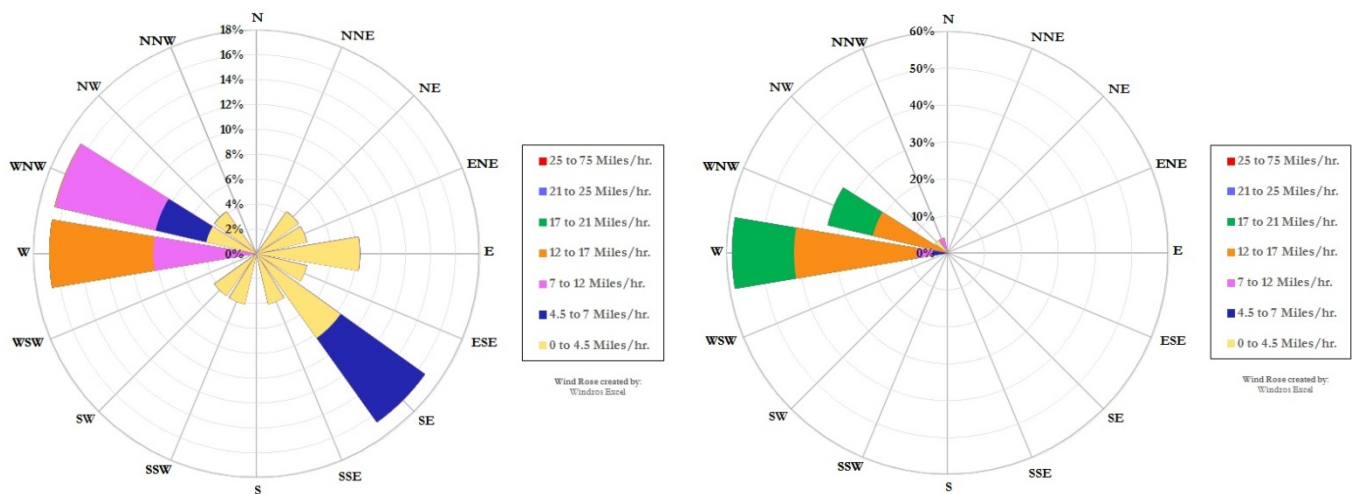


Figs B-5 & B-7: El Centro NAF meteorological data for April 24, 2016, 2016 and April 25, 2016, 2016 shows that winds exceeded the 25 mph threshold on both days. April 24, 2016, 2016 wind rose (left). April 25, 2016, 2016 wind rose (right). Wind data from the NCEI's QCLCD system

**FIGURE B-8
CALEXICO WIND SPEED & DIRECTION**

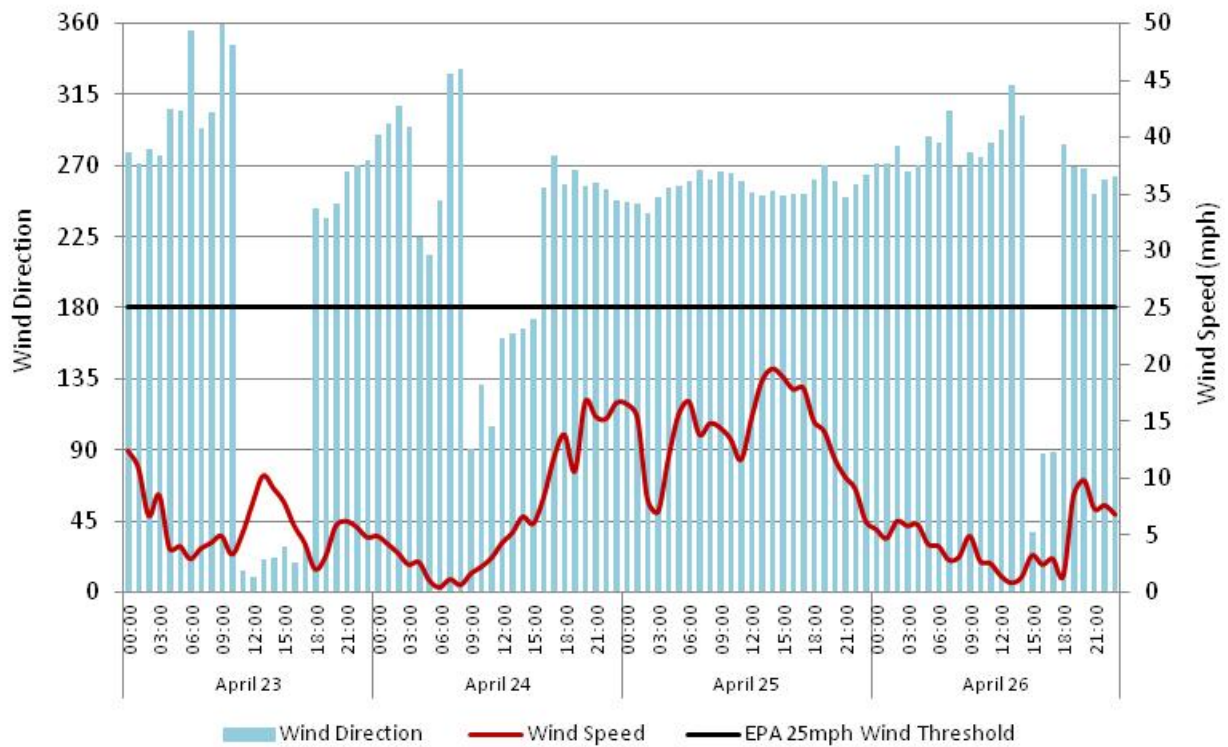


**FIGURES B-9 & B-10
CALEXICO WINDROSE- APRIL 24, 2016 & APRIL 25, 2016**

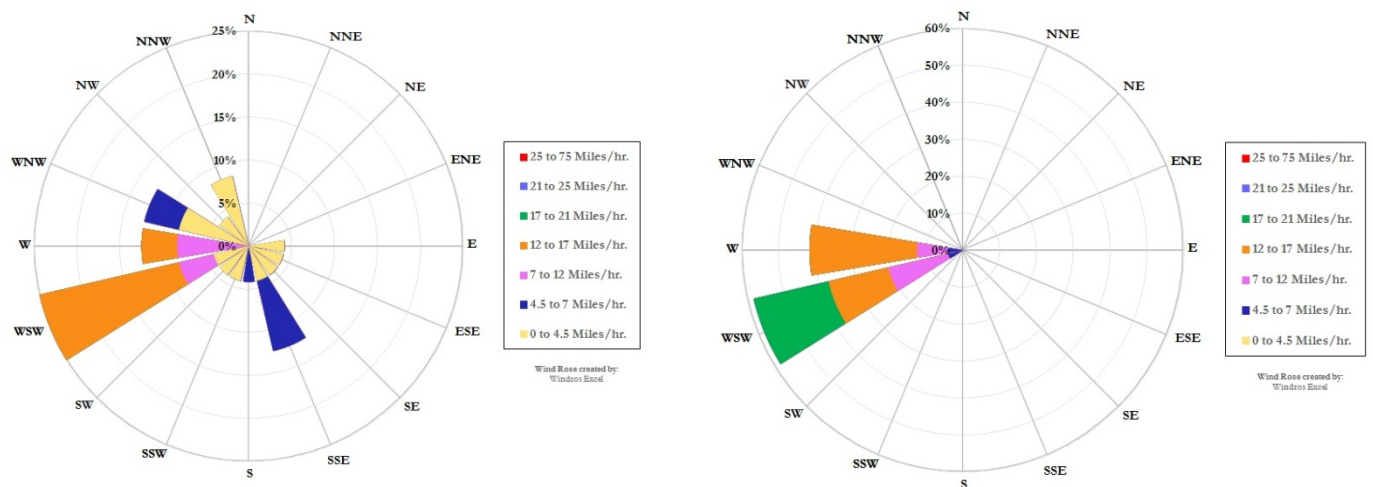


Figs B-8 through B-10: Calexico meteorological data for April 24, 2016 and April 25, 2016 shows that wind shifted to a more westerly direction on April 25, 2016 (right wind rose). Wind data from the EPA's AQS data bank

FIGURE B-14
EL CENTRO (9TH St) WIND SPEED & DIRECTION

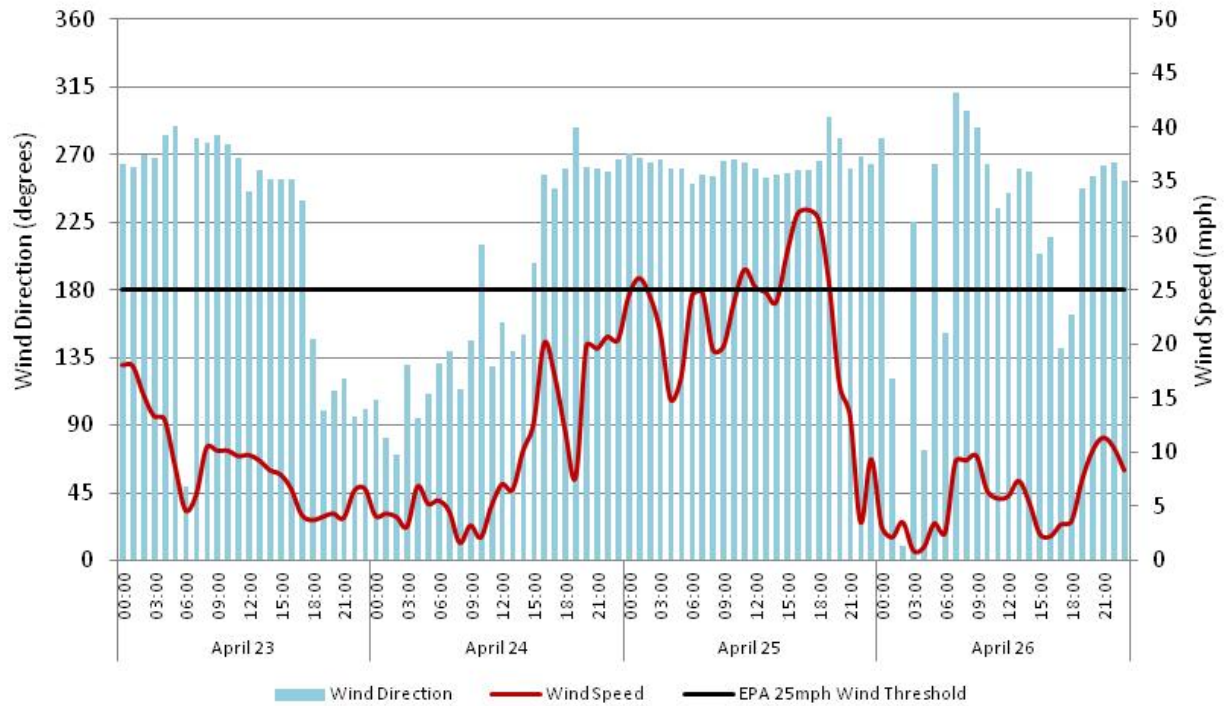


FIGURES B-15 & B-16
EL CENTRO (9TH ST) WIND ROSE – APRIL 24, 2016 & APRIL 25, 2016

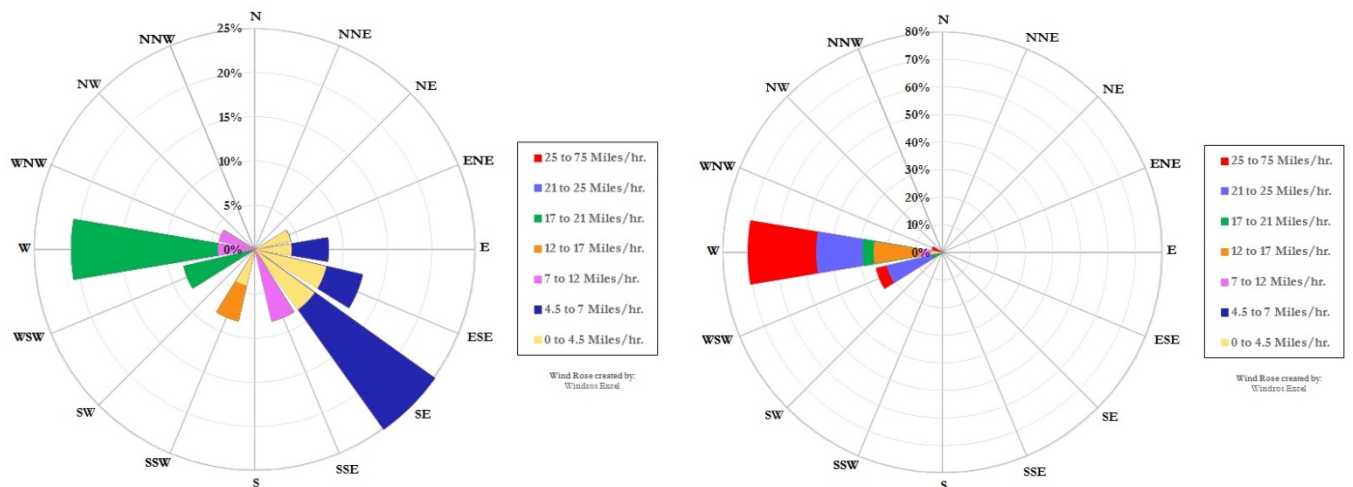


Figs. B-14 through B-16: El Centro station meteorological data shows that winds shifted more strongly west to west-southwest on April 25, 2016 (right wind rose). Wind data from the EPA's AQS data bank

**FIGURE B-11
NILAND WIND SPEED & DIRECTION**

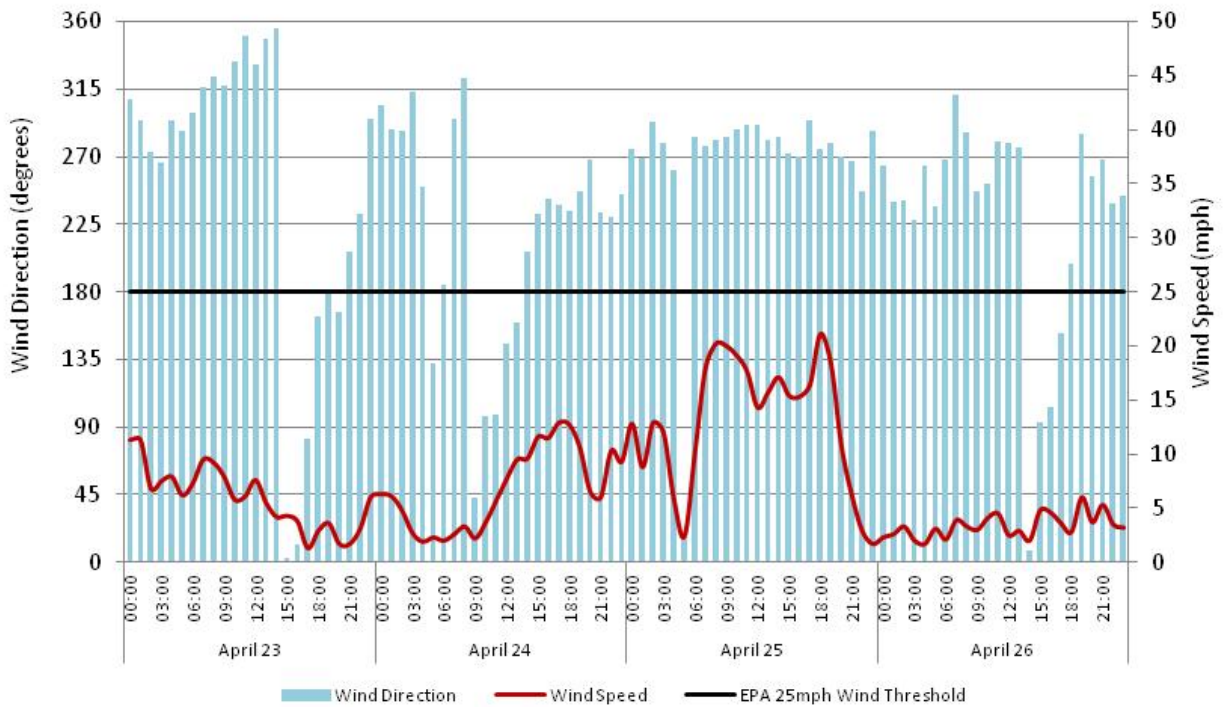


**FIGURES B-12 & B-13
NILAND WINDROSE – APRIL 24, 2016 & APRIL 25, 2016**

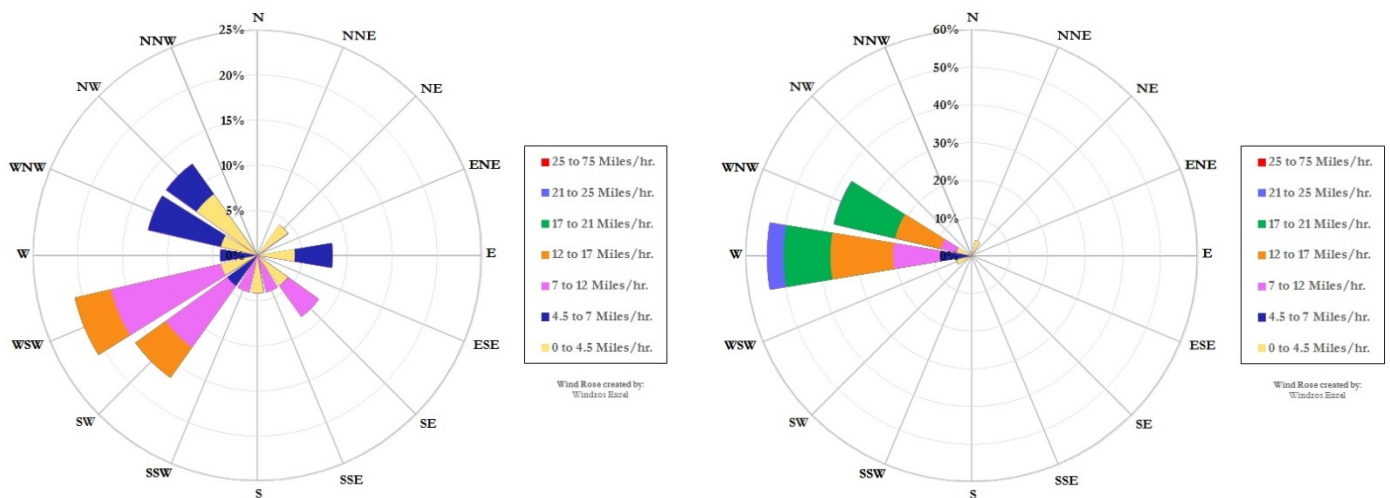


Figs B-11 through B-13: As winds shifted more due westerly, Niland station had winds over the 25 mph threshold on April 25, 2016 (right wind rose). Wind data from the EPA's AQS data bank

**FIGURE B-17
WESTMORLAND WIND SPEED & DIRECTION**



**FIGURE B-18 & B-19
WESTMORLAND WINDROSE – APRIL 24, 2016 & APRIL 25, 2016**



Figs B-17 through B-19: Westmorland station meteorological data for April 24, 2016 and April 25, 2016 shows that winds shifted more strongly westerly on April 25, 2016 (right wind rose). Wind data from the EPA's AQS data bank

EASTERN RIVERSIDE COUNTY SITES

FIGURE B-20
JACQUELINE COCHRAN REGIONAL AIRPORT (KTRM)
WIND SPEED (AVERAGES), GUSTS & DIRECTION

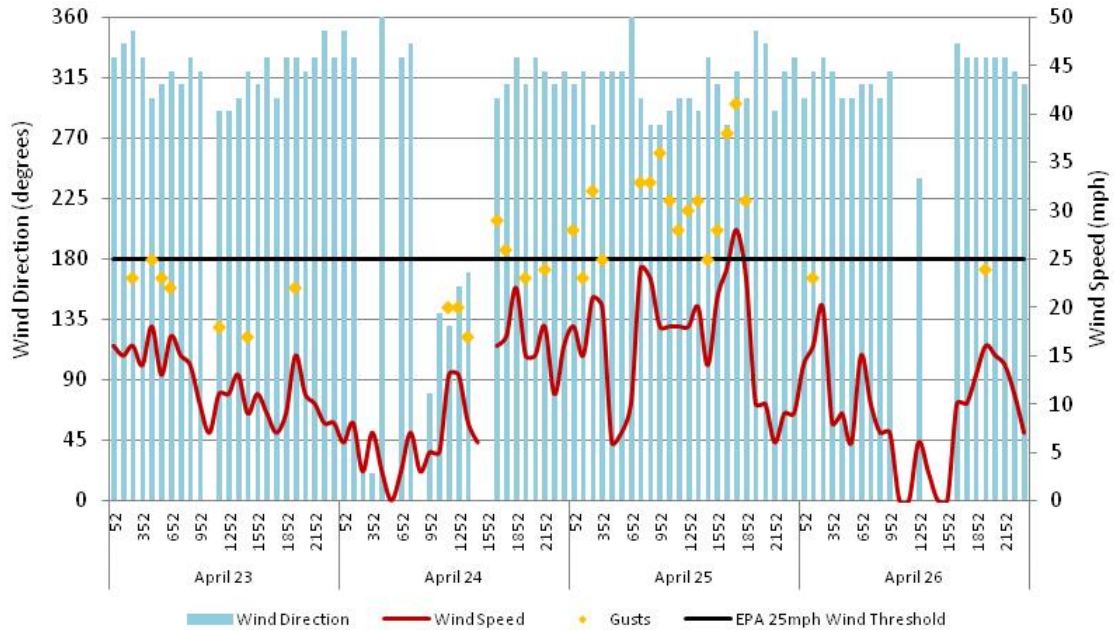


Fig B-20: Wind data from the NCEI's QCLCD system

FIGURE B-21
PALM SPRINGS INTERNATIONAL AIRPORT (KPSP)
WIND SPEED (AVERAGES), GUSTS & DIRECTION

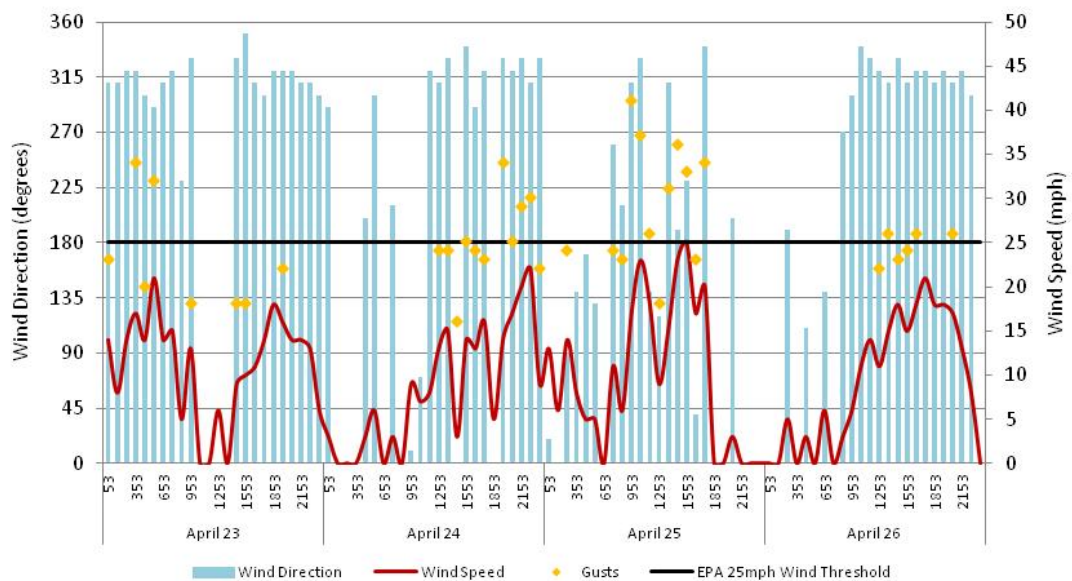


Fig B-21: Wind data from the NCEI's QCLCD system

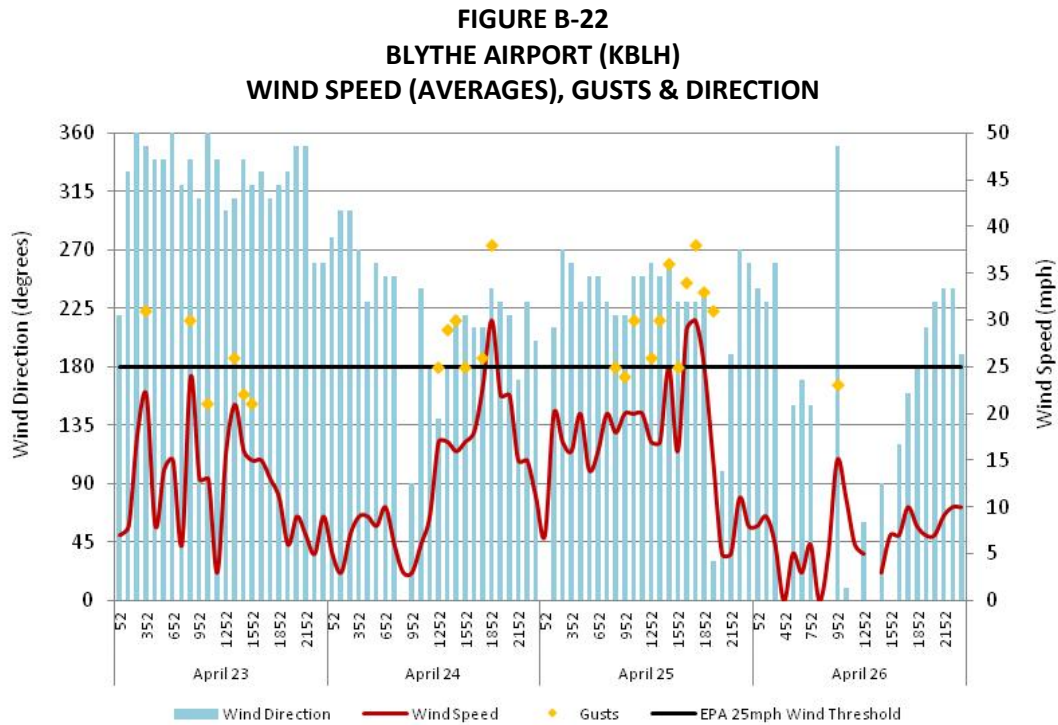


Fig B-22: Wind data from the NCEI's QCLCD system

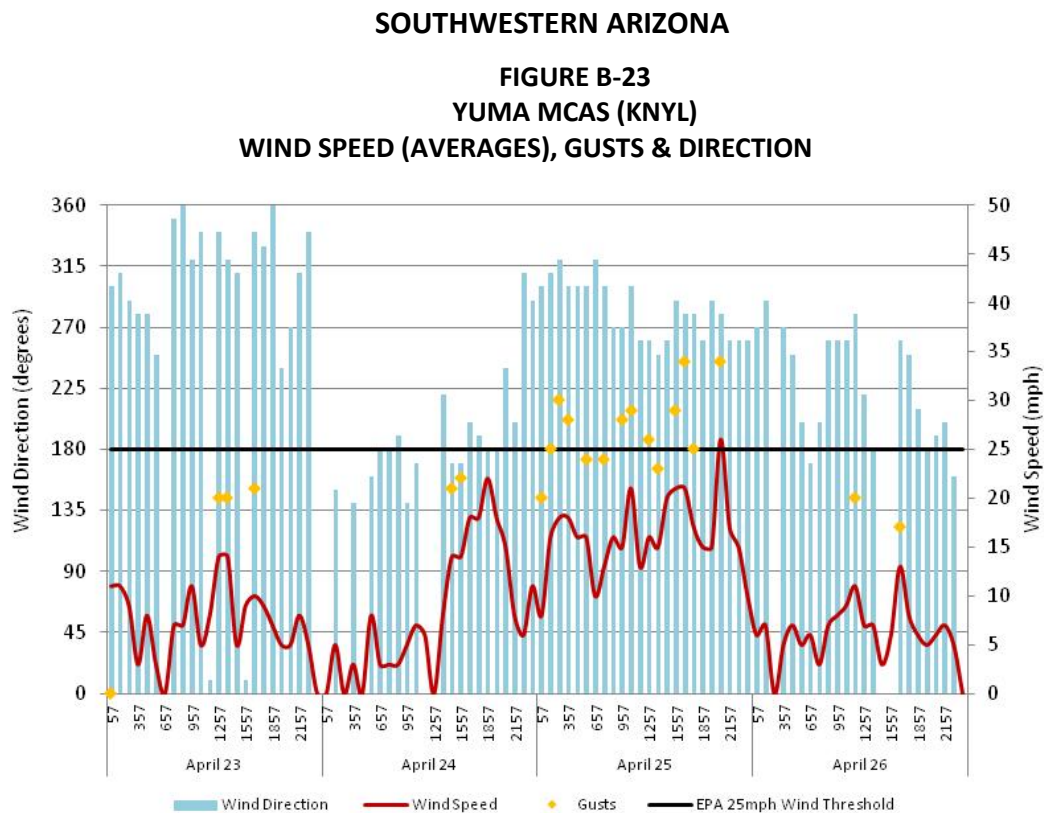


Fig B-23: Wind data from the NCEI's QCLCD system

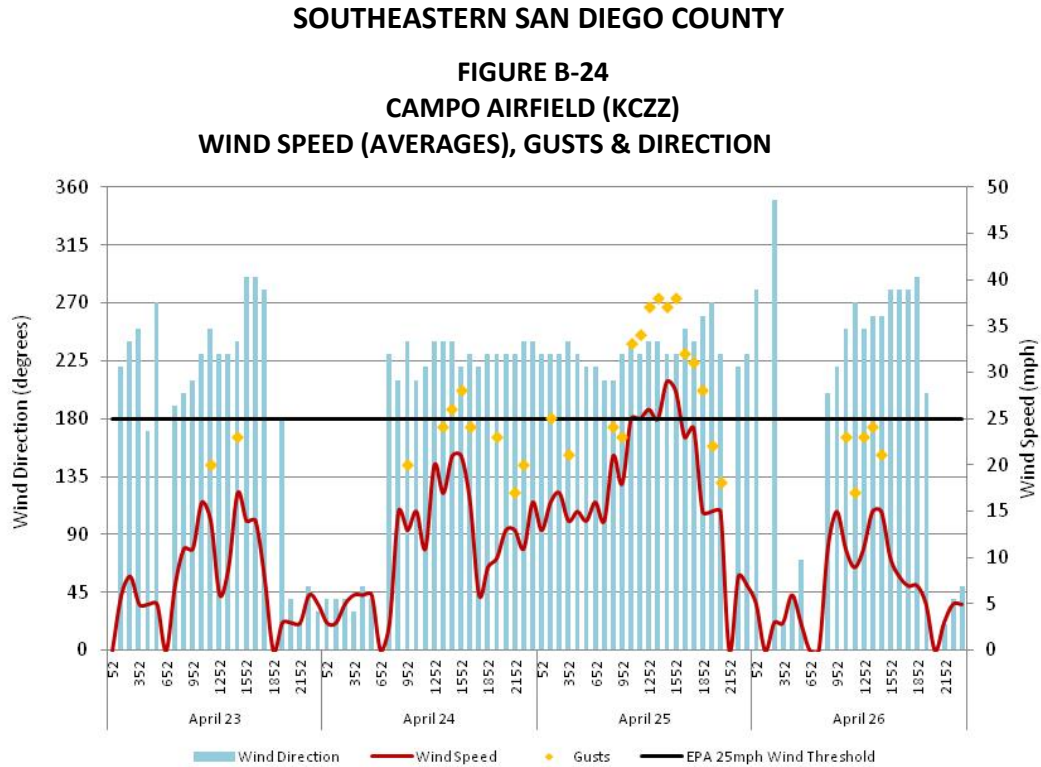


Fig B-24: Wind data from the NCEI's QCLCD system.

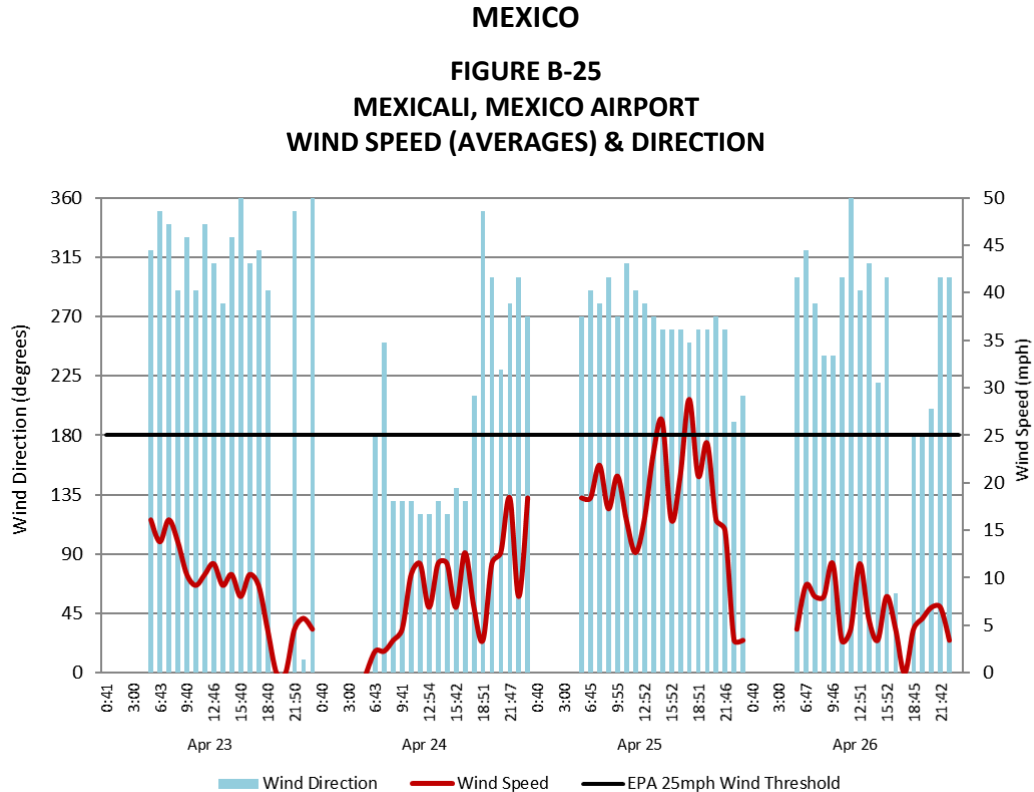
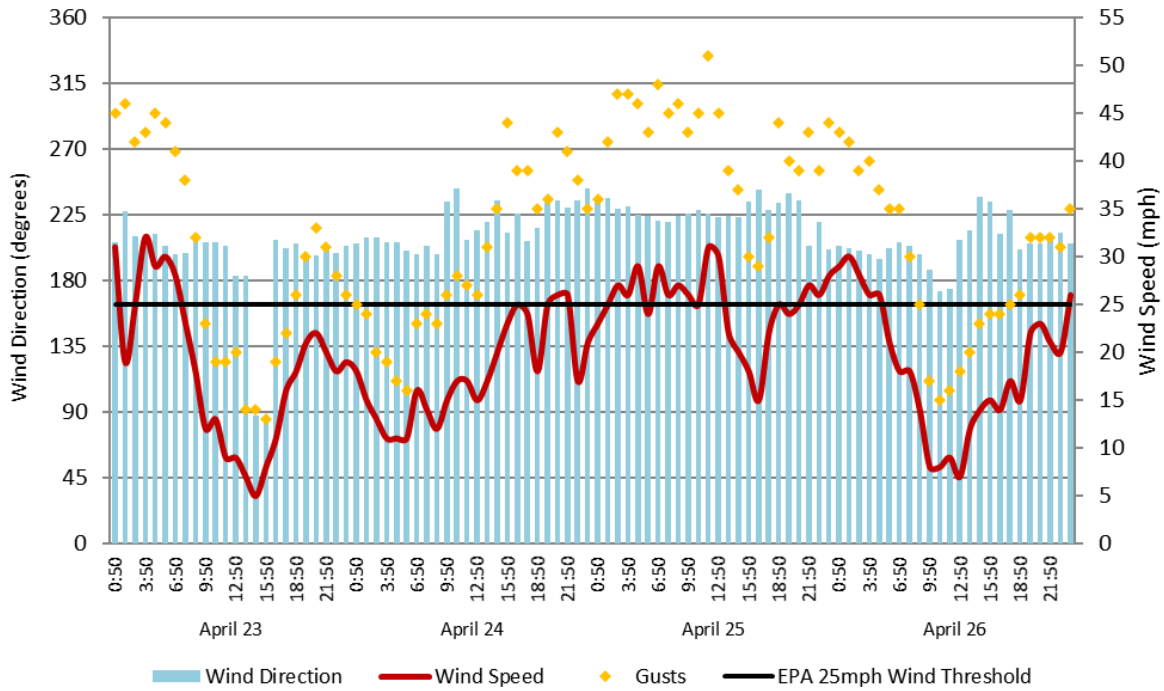


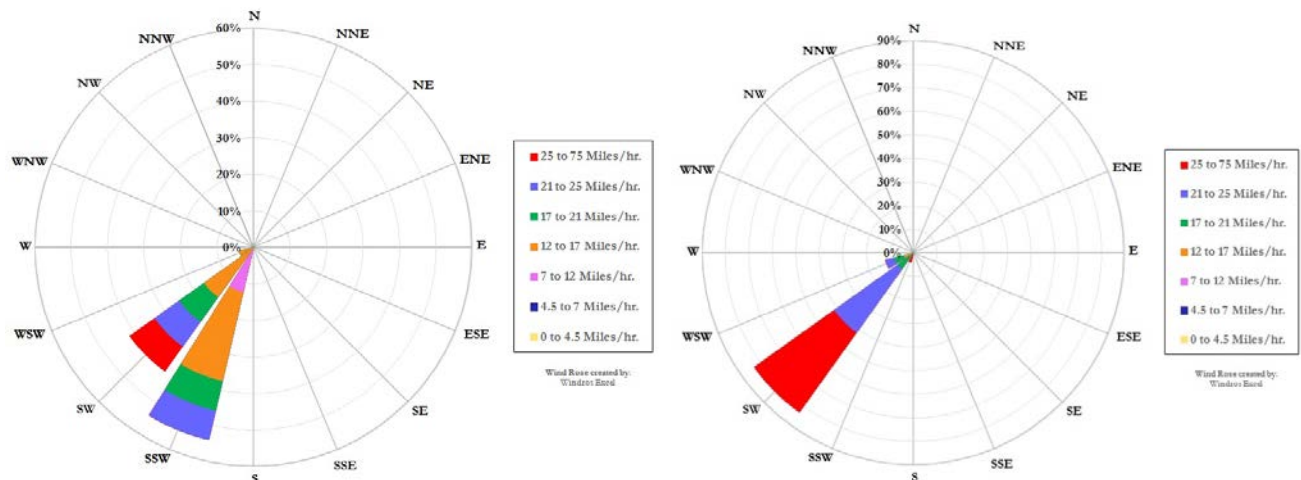
Fig B-25: Wind data from the University of Utah's MesoWest

UPSTREAM WIND SITES

FIGURE B-26
MOUNTAIN SPRINGS GRADE
WIND SPEED (AVERAGES), GUSTS & DIRECTION

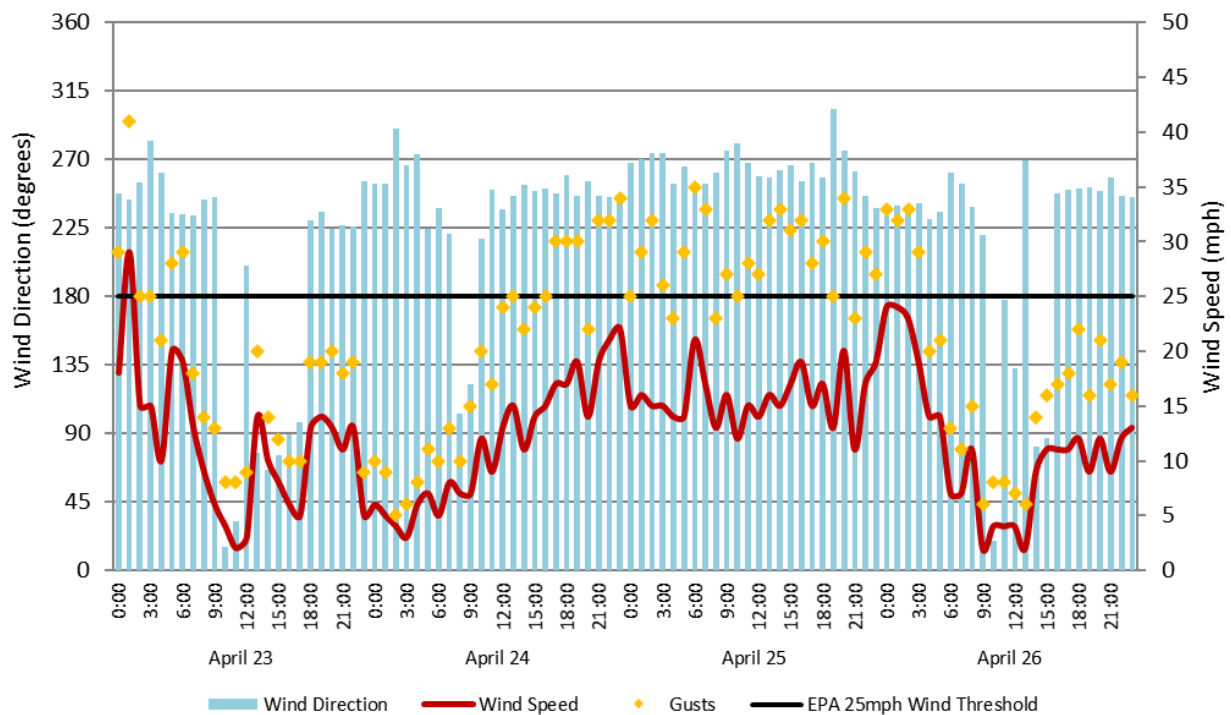


FIGURES B-27 & B-28
MOUNTAIN SPRINGS GRADE WIND ROSE – APRIL 24, 2016 & APRIL 25, 2016

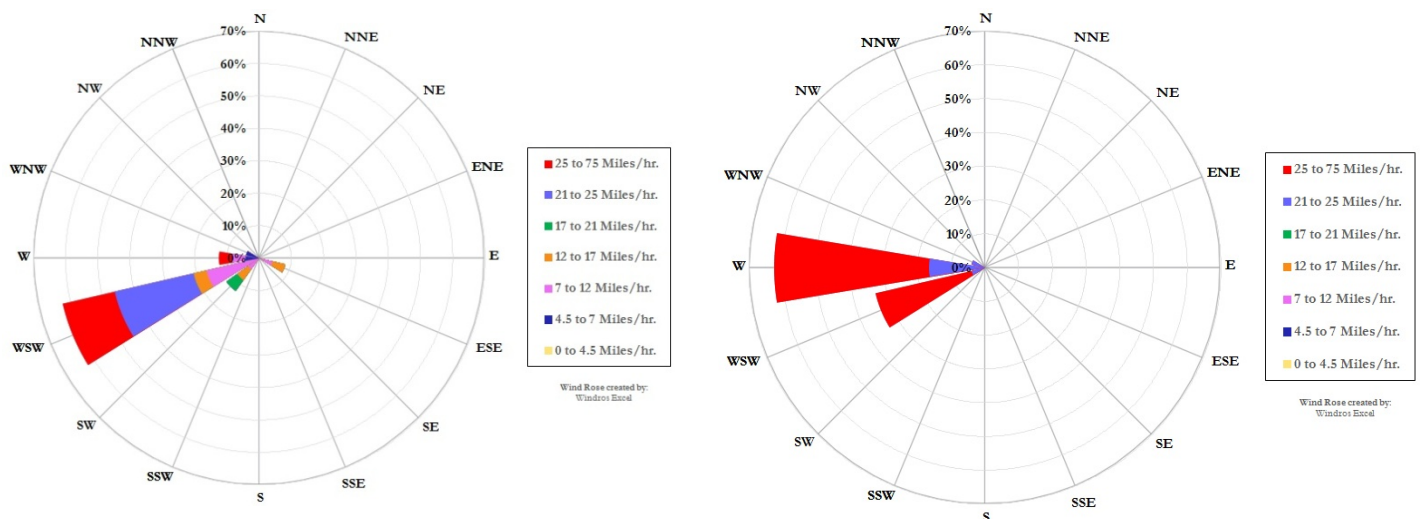


Figs B-26, B-27 & B-28: Mountain Springs Grade is on the desert slope (elev. 2044 ft) of the Interstate 8 corridor as it descends to the desert floor. This canyon pass serves as a natural wind funnel to the valley below. April 24, 2016 wind rose (left), April 25, 2016 wind rose (right). University of Utah MesoWest, Station ID TNSC1

FIGURE B-29
SUNRISE-OCOTILLO
WIND SPEED (AVERAGES), GUSTS & DIRECTION

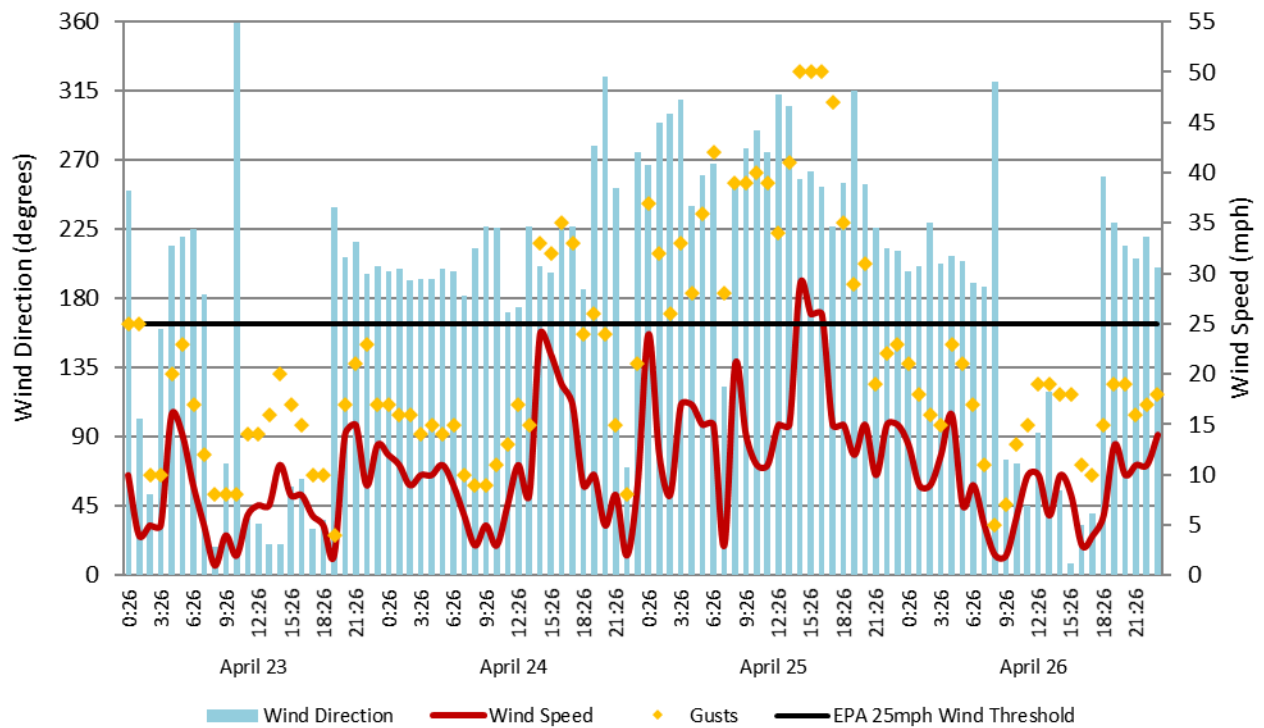


FIGURES B-30 & B-31
SUNRISE-OCOTILLO WIND ROSE – APRIL 24, 2016 & APRIL 25, 2016

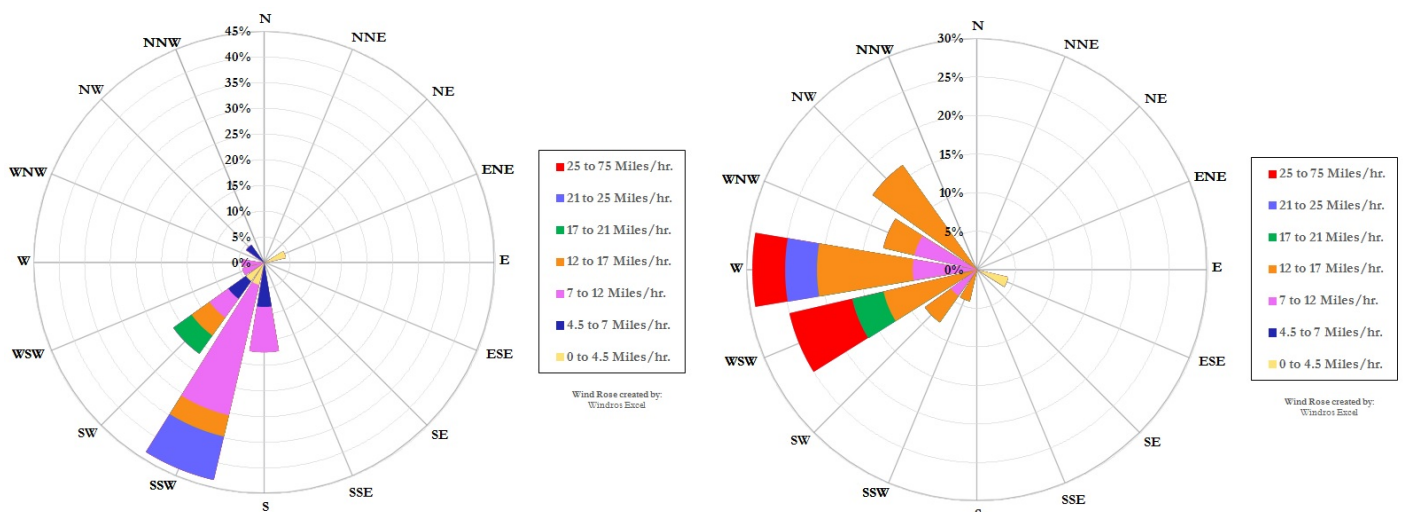


Figs B-29, B-30 & B-31: Sunrise-Ocotillo is near the desert floor (elev. 695 ft). Wind roses are for gusts only on April 24, 2016 (left) and April 25, 2016 (right). University of Utah MesoWest, Station ID IMPSD

FIGURE B-32
FISH CREEK MOUNTAINS
WIND SPEED (AVERAGES), GUSTS & DIRECTION

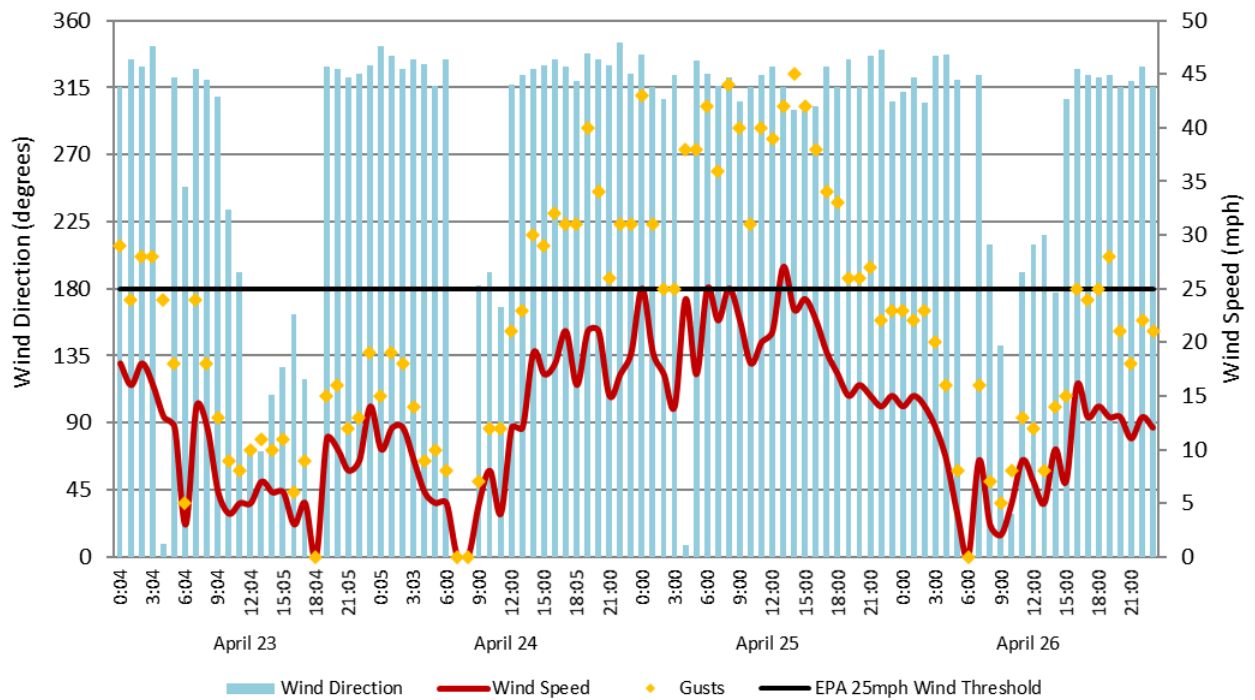


FIGURES B-33 & B-34
FISH CREEK MOUNTAINS WIND ROSE – APRIL 24, 2016 & APRIL 25, 2016

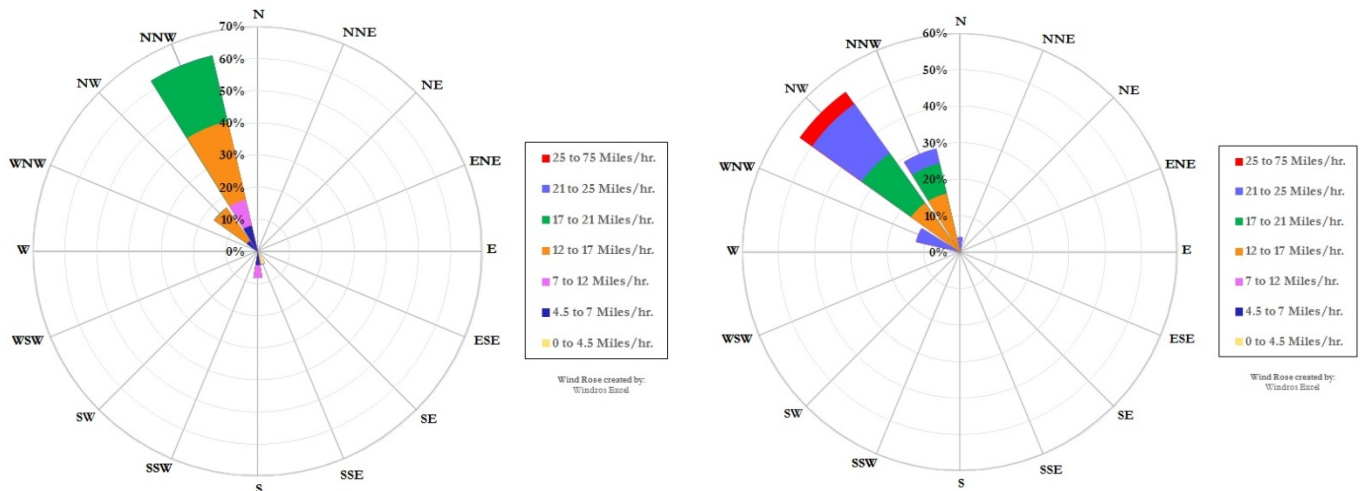


Figs B-32, B-33 & B-34: The Fish Creek Mountains station is 781 feet above the desert floor. Winds shifted more due westerly and increased on April 25, 2016 (right wind rose). University of Utah MesoWest, Station ID FHCC1

FIGURE B-35
OCOTILLO WELLS
WIND SPEED (AVERAGES), GUSTS & DIRECTION

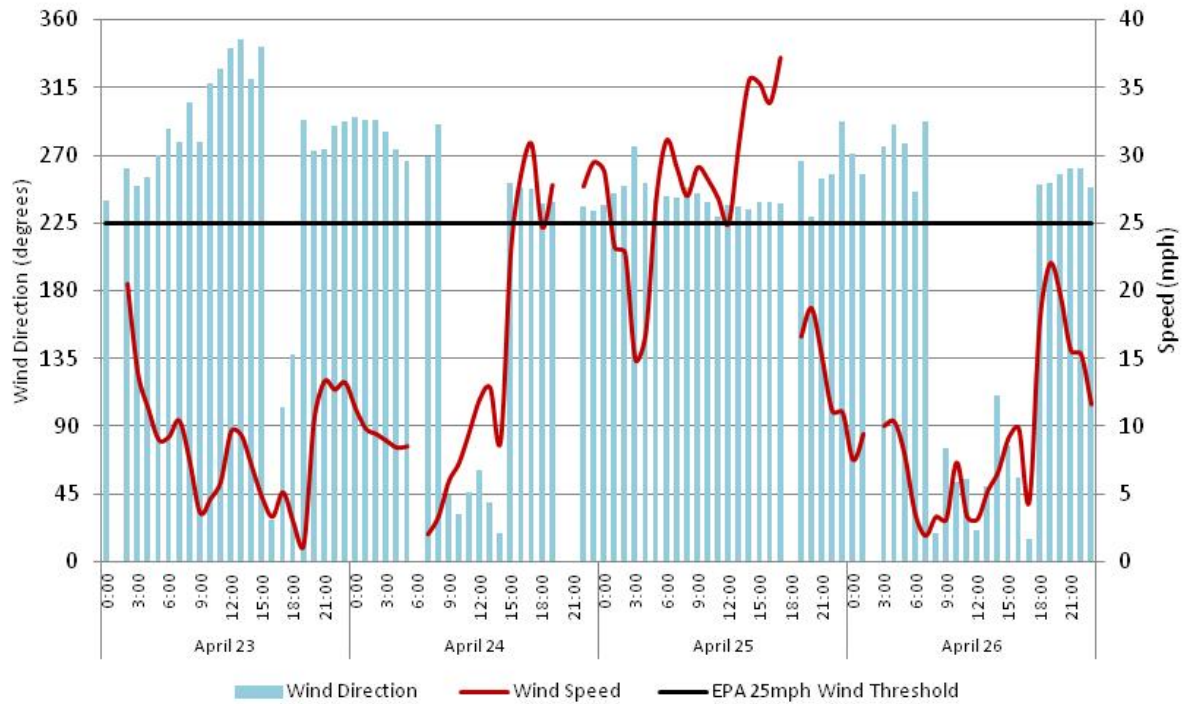


FIGURES B-36 & B-37
OCOTILLO WELLS WIND ROSE – APRIL 24, 2016 & APRIL 25, 2016

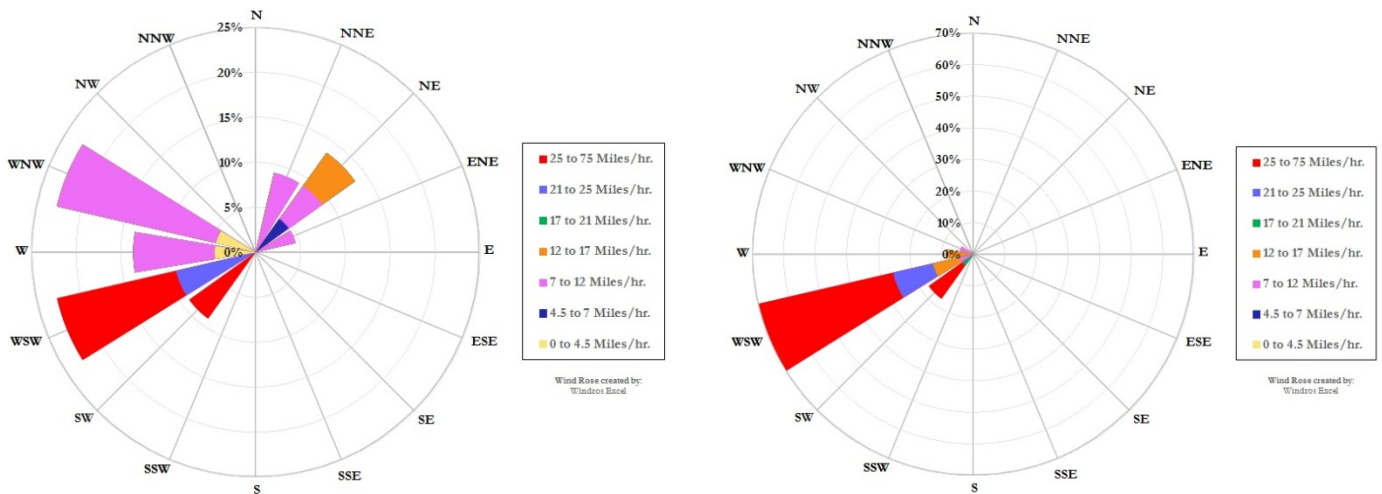


Figs B-32, B-36 & B-37: The winds at Ocotillo Wells increased from April 24, 2016 to April 25, 2016 (right wind rose). Data from the University of Utah MesoWest, Station ID AS938

FIGURE B-38
NAVAL TEST BASE
WIND SPEED (AVERAGES) & DIRECTION



FIGURES B-39 & B-40
NAVAL TEST BASE WIND ROSE – APRIL 24, 2016 & APRIL 25, 2016



Figs B-38, B-39 & B-40: The winds at the (former) Naval Test Base shifted more WSW from April 24, 2016 to April 25, 2016 (right wind rose). Data from AQMIS2

FIGURE B-41 IMPERIAL COUNTY AIRPORT (KIPL) QCLCD – APRIL 24, 2016

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Elev: -58 ft. Lat: 32.8342° N Lon: -115.5786° W
Station: IMPERIAL CO AIRPORT, CA US WBAN:03144

Local Climatological Data Hourly Observations April 2016 Generated on 05/30/2017

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi- bility	Weather Type (see documentation) AU AW MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
24	0053	7	CLR-00	10.00		68	20.0	59	14.9	45	7.2	44	5	310		29.90	5	+0.01	29.84	FM-15	0.00	29.84
24	0153	7	CLR-00	10.00		67	19.4	58	14.4	43	6.1	42	6	300		29.89			29.83	FM-15	0.00	29.83
24	0253	7	CLR-00	10.00		67	19.4	58	14.4	44	6.7	44	6	290		29.88			29.82	FM-15	0.00	29.82
24	0353	7	CLR-00	10.00		66	18.9	57	13.9	42	5.6	42	0	000		29.88	6	+0.02	29.82	FM-15	0.00	29.82
24	0453	7	CLR-00	10.00		61	16.1	53	11.7	42	5.6	50	0	000		29.88			29.82	FM-15	0.00	29.82
24	0553	7	CLR-00	10.00		63	17.2	55	12.8	45	7.2	52	5	240		29.89			29.83	FM-15	0.00	29.83
24	0653	7	CLR-00	10.00		70	21.1	61	15.9	45	7.2	41	0	000		29.89	1	-0.02	29.83	FM-15	0.00	29.83
24	0753	7	CLR-00	10.00		77	25.0	68	19.8	42	5.6	29	0	000		29.89			29.83	FM-15	0.00	29.83
24	0853	7	CLR-00	10.00		81	27.2	72	22.4	42	5.6	25	3	VRB		29.89			29.83	FM-15	0.00	29.83
24	0953	7	CLR-00	10.00		84	28.9	76	24.2	43	6.1	24	7	080		29.89	6	+0.00	29.83	FM-15	0.00	29.83
24	1053	7	CLR-00	10.00		87	30.6	82	27.8	38	3.3	18	5	VRB		29.87			29.81	FM-15	0.00	29.81
24	1153	7	CLR-00	10.00		89	31.7	88	31.2	33	0.6	14	5	VRB		29.84			29.78	FM-15	0.00	29.78
24	1253	7	CLR-00	10.00		91	32.8	95	34.8	29	-1.7	11				29.81	8	+0.09	29.75	FM-15	0.00	29.75
24	1353	7	CLR-00	10.00		92	33.3	97	36.3	28	-2.2	10	6	VRB	17	29.77			29.71	FM-15	0.00	29.71
24	1453	7	CLR-00	10.00		93	33.9	99	37.3	28	-2.2	10	9	170		29.74			29.68	FM-15	0.00	29.68
24	1553	7	CLR-00	10.00		93	33.9	96	35.5	32	0.0	11	13	230		29.73	6	+0.08	29.67	FM-15	0.00	29.67
24	1611	7	CLR-00	10.00		90	32.2	90	32.1	33	0.6	13	18	230		29.74				FM-16		29.68
24	1653	7	CLR-00	10.00		85	29.4	84	28.6	30	-1.1	14	26	260	32	29.74			29.68	FM-15	0.00	29.68
24	1753	7	CLR-00	10.00		81	27.2	73	22.9	39	3.9	22	23	260	31	29.74			29.67	FM-15	0.00	29.68
24	1853	7	CLR-00	10.00		76	24.4	67	19.7	38	3.3	25	30	260	36	29.76	3	-0.03	29.70	FM-15	0.00	29.70
24	1953	7	CLR-00	10.00		71	21.7	61	16.4	43	6.1	36	22	260	31	29.80			29.74	FM-15	0.00	29.74
24	2053	7	CLR-00	10.00		69	20.6	60	15.3	43	6.1	39	24	250	32	29.81			29.74	FM-15	0.00	29.75
24	2153	7	CLR-00	10.00		67	19.4	58	14.4	43	6.1	42	23	250	33	29.81	1	-0.05	29.75	FM-15	0.00	29.75
24	2253	7	CLR-00	10.00		66	18.9	57	13.9	43	6.1	43	23	250	32	29.81			29.75	FM-15	0.00	29.75
24	2353	7	CLR-00	10.00		66	18.9	57	14.0	44	6.7	45	25	240	36	29.82			29.76	FM-15	0.00	29.76

FIGURE B-42 IMPERIAL COUNTY AIRPORT (KIPL) QCLCD – APRIL 25, 2016

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Elev: -58 ft. Lat: 32.8342° N Lon: -115.5786° W
Station: IMPERIAL CO AIRPORT, CA US WBAN:03144

Local Climatological Data Hourly Observations April 2016 Generated on 05/30/2017

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi- bility	Weather Type (see documentation) AU AW MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
25	0053	7	CLR-00	10.00		65	18.3	57	13.6	45	7.2	49	23	240	34	29.83	3	-0.01	29.77	FM-15		29.77
25	0153	7	CLR-00	10.00		65	18.3	56	13.5	43	6.1	45	21	250	28	29.84			29.78	FM-15		29.78
25	0253	7	CLR-00	10.00		64	17.8	55	13.0	42	5.6	45	7	250		29.83			29.77	FM-15		29.77
25	0353	7	CLR-00	10.00		63	17.2	55	12.5	41	5.0	45	17	250	24	29.83	1	-0.00	29.77	FM-15		29.77
25	0453	7	CLR-00	10.00		62	16.7	54	12.0	40	4.4	44	17	260		29.84			29.78	FM-15		29.78
25	0553	7	CLR-00	10.00		62	16.7	54	12.0	40	4.4	44	22	250	30	29.86			29.80	FM-15		29.80
25	0653	7	CLR-00	10.00		64	17.8	55	12.9	40	4.4	41	21	260	28	29.89			29.83	FM-15		29.83
25	0753	7	CLR-00	10.00		69	20.6	60	15.5	39	3.9	33	21	250	29	29.88	3	-0.06	29.82	FM-15		29.82
25	0853	7	CLR-00	10.00		73	22.8	66	19.1	30	-1.1	20	15	260	26	29.88			29.82	FM-15		29.82
25	0953	7	CLR-00	9.00		74	23.3	67	19.6	31	-0.6	20	13	260	25	29.88	5	+0.00	29.82	FM-15		29.82
25	1053	7	CLR-00	10.00		77	25.0	71	21.8	31	-0.6	18	18	250	26	29.86			29.80	FM-15		29.80
25	1153	7	CLR-00	10.00		79	26.1	75	24.1	28	-2.2	15	20	240	30	29.84			29.78	FM-15		29.78
25	1253	7	CLR-00	10.00		80	26.7	78	25.6	26	-3.3	14	23	250	34	29.81	8	+0.07	29.75	FM-15		29.75
25	1353	7	CLR-00	10.00		80	26.7	79	25.9	25	-3.9	13	31	250	44	29.79			29.72	FM-15		29.73
25	1453	7	CLR-00	10.00		78	25.6	74	23.6	27	-2.8	15	34	260	45	29.79			29.72	FM-15	0.00	29.73
25	1553	7	CLR-00	10.00		75	23.9	69	20.5	30	-1.1	19	25	250	40	29.80	5	+0.02	29.73	FM-15	0.00	29.74
25	1653	7	CLR-00	10.00		71	21.7	63	17.1	34	1.1	26	30	250	38	29.80			29.74	FM-15	0.00	29.74
25	1753	7	CLR-00	10.00		66	18.9	57	14.0	36	2.2	33	25	250	37	29.83			29.77	FM-15	0.00	29.77
25	1853	7	FEW:02 49	10.00		63	17.2	54	12.4	37	2.8	38	14	290		29.88	3	-0.09	29.82	FM-15	0.00	29.82
25	1910	7	BKN:07 27	2.50	HZ:7 FU:05 HZ:05	65	18.3	57	13.6	33	0.6	31	17	290	24	29.88				FM-16		29.82
25	1919	7	OVC:08 25	1.50	HZ:7 FU:05 HZ:05	65	18.3	57	13.7	32	0.0	29	25	290	31	29.88				FM-16		29.82
25	1930	7	OVC:08 23	3.00	HZ:7 FU:05 HZ:05	65	18.3	57	13.9	30	-1.1	27	26	280	36	29.89				FM-16		29.83
25	1953	7	SCT:04 24	10.00		62	16.7	54	11.9	34	1.1	35	21	260	26	29.90			29.84	FM-15	0.00	29.84
25	2053	7	CLR-00	10.00		60	15.6	52	11.0	32	0.0	35	18	250		29.90			29.83	FM-15	0.00	29.84
25	2153	7	CLR-00	10.00		60	15.6	52	10.9	33	0.6	36	16	250		29.89	0	-0.01	29.83	FM-15	0.00	29.83
25	2253	7	CLR-00	10.00		57	13.9	49	9.5	35	1.7	44	9	250		29.89			29.83	FM-15	0.00	29.83
25	2353	7	CLR-00	10.00		57	13.9	49	9.5	35	1.7	44	8	280		29.89			29.83	FM-15	0.00	29.83

FIGURE B-43
EL CENTRO NAF (KNJK) QCLCD – APRIL 24, 2016

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Elev: -42 ft. Lat: 32.8167° N Lon: -115.6833° W
Station: EL CENTRO NAF, CA US WBAN-23199

Local Climatological Data
Hourly Observations
April 2016
Generated on 05/30/2017

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi- bility	Weather Type (see documentation) AU AW MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend.	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti- meter Setting (inHg)	
						(F)	(C)	(F)	(C)	(F)	(C)												
24	0056	7	CLR:00	10.00									9	310		29.89	8	+0.01	29.90	FM-15	0.00	29.85	
24	0156	7	CLR:00	10.00									7	300		29.89			29.90	FM-15	0.00	29.85	
24	0256	7	CLR:00	10.00									5	050		29.88			29.89	FM-15	0.00	29.84	
24	0356	7	CLR:00	10.00									3	200		29.88	7	+0.01	29.89	FM-15	0.00	29.84	
24	0456	7	CLR:00	10.00									8	240		29.88			29.89	FM-15	0.00	29.84	
24	0556	7	CLR:00	10.00									0	000		29.89			29.90	FM-15	0.00	29.85	
24	0656	7	CLR:00	10.00									5	250		29.89	2	-0.01	29.90	FM-15	0.00	29.85	
24	0756	7	CLR:00	10.00									0	000		29.89			29.90	FM-15	0.00	29.85	
24	0856	7	CLR:00	10.00									3	260		29.89			29.90	FM-15	0.00	29.85	
24	0956	7	CLR:00	10.00									5	VRB		29.89	4	0.00	29.90	FM-15	0.00	29.85	
24	1056	7	CLR:00	10.00			87	30.6	83	28.4	36	2.2	16	9	170		29.87			29.87	FM-15	0.00	29.83
24	1156	7	CLR:00	10.00			89	31.7	87	30.5	35	1.7	15	13	150		29.83			29.84	FM-15	0.00	29.79
24	1256	7	CLR:00	10.00			90	32.2	91	32.9	31	-0.6	12	8	160	17	29.80	8	+0.09	29.80	FM-15	0.00	29.76
24	1356	7	CLR:00	10.00			92	33.3	100	37.7	25	-3.9	9	11	180	22	29.77			29.77	FM-15	0.00	29.73
24	1434	7	CLR:00	10.00			93	33.9	99	37.3	28	-2.2	10	11	150		29.74				FM-16		29.70
24	1441	7	CLR:00	10.00			93	33.9	98	36.8	29	-1.7	10	7	VRB	17	29.74				FM-16		29.70
24	1456	7	CLR:00	10.00			94	34.4	104	39.9	25	-3.9	8	23	270	29	29.74			29.75	FM-15	0.00	29.70
24	1507	7	CLR:00	10.00			94	34.4	104	39.9	25	-3.9	8	25	250	30	29.74				FM-16		29.70
24	1556	7	CLR:00	10.00			90	32.2	89	31.7	34	1.1	14	28	260	34	29.73	6	+0.07	29.73	FM-15	0.00	29.69
24	1656	7	CLR:00	8.00			85	29.4	81	27.3	34	1.1	16	33	260	45	29.75			29.75	FM-15	0.00	29.71
24	1756	7	CLR:00	10.00			81	27.2	73	22.9	39	3.9	22	32	260	39	29.76			29.76	FM-15	0.00	29.72
24	1856	7	CLR:00	10.00										26	260	33	29.77	1	-0.05	29.78	FM-15	0.00	29.73
24	1956	7	CLR:00	10.00										25	250	34	29.80			29.81	FM-15	0.00	29.76
24	2056	7	CLR:00	10.00										28	260	36	29.81			29.82	FM-15	0.00	29.77
24	2156	7	CLR:00	10.00										32	250	43	29.81	1	-0.04	29.82	FM-15	0.00	29.77
24	2256	7	CLR:00	10.00										37	250	45	29.82			29.83	FM-15	0.00	29.78
24	2356	7	CLR:00	10.00										31	240	39	29.83			29.84	FM-15	0.00	29.79

FIGURE B-44
EL CENTRO NAF (KNJK) QCLCD – APRIL 25, 2016

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Elev: -42 ft. Lat: 32.8167° N Lon: -115.6833° W
Station: EL CENTRO NAF, CA US WBAN-23199

Local Climatological Data
Hourly Observations
April 2016
Generated on 05/30/2017

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi- bility	Weather Type (see documentation) AU AW MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend.	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti- meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
25	0056	7	CLR:00	10.00									29	250		29.83	1	-0.02	29.84	FM-15	0.00	29.79
25	0156	7	CLR:00	10.00									28	250	37	29.83			29.84	FM-15	0.00	29.79
25	0256	7	CLR:00	10.00									15	240		29.83			29.84	FM-15	0.00	29.79
25	0356	7	CLR:00	10.00									15	240	24	29.84	3	-0.01	29.85	FM-15	0.00	29.80
25	0456	7	FEW:02 70 FEW:02 280	10.00		62	16.7	53	11.9	38	3.3	41	16	250		29.85			29.85	FM-15	0.00	29.81
25	0556	7	FEW:02 70 FEW:02 280	10.00		62	16.7	53	11.9	37	2.8	40	30	250	37	29.85			29.86	FM-15	0.00	29.81
25	0656	7	FEW:02 70 FEW:02 280	10.00		63	17.2	54	12.4	38	3.3	40	28	240		29.88	3	-0.04	29.88	FM-15	0.00	29.84
25	0756	7	CLR:00	10.00		67	19.4	58	14.5	36	2.2	32	23	240	30	29.88			29.89	FM-15	0.00	29.84
25	0856	7	FEW:02 70	10.00		72	22.2	65	18.4	30	-1.1	21	13	300		29.89			29.89	FM-15	0.00	29.85
25	0931	7	FEW:02 70	10.00									10	300	26							29.85
25	0956	7	FEW:02 70	10.00		74	23.3	68	20.2	28	-2.2	18	15	260	33	29.88	0	-0.01	29.89	FM-15	0.00	29.84
25	1056	7	CLR:00	10.00		77	25.0	72	22.3	29	-1.7	17	23	250	34	29.86			29.86	FM-15	0.00	29.82
25	1156	7	FEW:02 280	10.00		78	25.6	74	23.3	28	-2.2	16	28	230	33	29.83			29.84	FM-15	0.00	29.79
25	1256	7	FEW:02 280	8.00		79	26.1	78	25.4	24	-4.4	13	30	240	37	29.82	6	+0.07	29.82	FM-15	0.00	29.78
25	1356	7	FEW:02 60 FEW:02 280	8.00		78	25.6	77	24.8	23	-5.0	13	32	250	40	29.80			29.81	FM-15	0.00	29.76
25	1456	7	FEW:02 60 FEW:02 280	8.00		78	25.6	77	24.8	23	-5.0	13	32	250	45	29.81			29.81	FM-15	0.00	29.77
25	1556	7	FEW:02 60 FEW:02 280	8.00		75	23.9	72	22.3	23	-5.0	14	32	250	38	29.82	5	+0.00	29.82	FM-15	0.00	29.78
25	1656	7	FEW:02 60 FEW:02 280	10.00		74	23.3	67	19.4	32	0.0	21	33	240	41	29.82			29.83	FM-15	0.00	29.78
25	1756	7	FEW:02 60 FEW:02 280	10.00		66	18.9	57	14.0	35	1.7	32	31	250	38	29.84			29.84	FM-15	0.00	29.80
25	1856	7	X:10 0 FEW:02 60			63	17.4	55	12.8	32	0.0	31	23	280		29.88	3	-0.07	29.89	FM-15	0.00	29.84
25	1909	7	SCT:04 26	3.00	DU:5 DU:07	63	17.2	55	12.7	30	-1.1	29	23	280	31	29.88				FM-16		29.84
25	1954	6	BKN:07 30	10.00	DU:5 DU:07								21	260		29.92				FM-16		29.88
25	1956	7	FEW:02 30 FEW:02 60	10.00		61	16.1	53	11.5	32	0.0	34	18	260		29.92			29.93	FM-15	0.00	29.88
25	2056	7	FEW:02 60	10.00		60	15.6	52	11.1	29	-1.7	31	21	260		29.91			29.91	FM-15	T	29.87
25	2156	7	FEW:02 60	10.00		60	15.6	52	11.1	29	-1.7	31	16	250		29.90	0	-0.01	29.90	FM-15	T	29.86
25	2256	7	CLR:00	10.00									18	250		29.89			29.90	FM-15	0.00	29.85
25	2356	7	CLR:00	10.00									11	280		29.90			29.91	FM-15	0.00	29.86